

ABSTRACT
for
**METHOD OF CONNECTING NETWORK ELEMENTS TO A RADIO
SYSTEM, AND RADIO SYSTEM**

The invention relates to a radio system and a method of connecting network elements to the radio system comprising one or more network elements, a base station controller and a network management system that are operatively interconnected by means of telecommunication connections. Information between the network elements is transmitted in frames that are divided into time slots. The base station controller controls one or more network elements. Network identification information is fed into a network element to be installed and the network element is physically connected to the system by means of the telecommunication connections. To ensure reliable and quick network element installation in the frames that are used for communication with the network elements by the base station controller, unused consecutive time slots of the frames are divided into one or more groups. Each group has one time slot used as a communication control channel as regards time slot allocation from said group. The base station controller allocates necessary telecommunication capacity for the use of the communication between the network element and the base station controller, and the allocated telecommunication capacity is branched by software through the telecommunication connections to the network elements.

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